Sanitized Copy Approved for Release 2011/08/08 : CIA-RDP78-03300A001100040021-1

CONFIDENTIAL

25X1

[redacted]

TECHNICAL
CONSULTANTS
AND
DESIGNERS

EXECUTIVE OFFICE

May 5, 1960

[redacted]

25X1

25X1

[redacted]

Re: Our Proposal No. 1129-774

Dear Sir:

It is proposed to build a modification accessory to the Line Analyzer developed under Task Order S which will accomplish the following:

1) Enable the Line Analyzer to be used as an R.F. voltmeter with a range up to fifty megacycles;

2) The sensitivity will be commensurate with the remainder of the system (namely a one millivolt sensitivity will be achieved);

3) Some "first order" selectivity will be provided by means of four Butterworth filters with sharp cut-offs which will divide the frequency band as follows:

Filter No. 1	-	0.5 - 1.5 mcps
Filter No. 2	-	1.5 - 5 mcps
Filter No. 3	-	5 - 20 mcps
Filter No. 4	-	20 - 50 mcps.

The device will in essence be a filter followed by an R.F. detector probe. The output will then be "chopped" by a solid state chopper driven by a transistorized generator. The output of the device will be passed through a balanced modulator directly into the present voltmeter which will then utilize its gain to drive the meter.

The device will be built to be carried in the present Line Analyzer case if at all possible and will be integrated with the present Line Analyzer input.

[redacted]

[redacted]

25X1

CONFIDENTIAL

Sanitized Copy Approved for Release 2011/08/08 : CIA-RDP78-03300A001100040021-1

Sanitized Copy Approved for Release 2011/08/08 : CIA-RDP78-03300A001100040021-1

[redacted] 25X1

CONFIDENTIAL

[redacted] 25X1

An additional section will be written to include all pertinent information relative to characteristics, operation and maintenance to be inserted into the present Line Analyzer Instruction Book.

Five of these units can be built for $15,342.46 broken down as follows:

Direct Labor			
1 Sr. Engineer	@ 5.00/hr	500 hrs.	$ 2,500.00
1 Jr. Engineer	3.75/hr	300 hrs.	1,125.00
2 Technicians	3.00/hr	1000 hrs.	3,000.00
1 Machinist	3.00/hr	150 hrs.	450.00
			$ 7,075.00
Overhead @ 85%			6,013.75
			$ 13,088.75
Materials			1,200.00
Out of Pocket Expense			50.00
			$ 14,338.75
Fee @ 7%			1,003.71
	Total:		$ 15,342.46

Delivery of these units can be accomplished within five months after receipt of order. Should you desire us to accomplish the work covered by this proposal we would greatly appreciate receiving a Task Order under our contract.

Very truly yours,

[redacted] 25X1

[redacted] 25X1

CONFIDENTIAL

Sanitized Copy Approved for Release 2011/08/08 : CIA-RDP78-03300A001100040021-1